



2137-11
PATENT

Attorney's Docket No.: 042390.P9770

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:)
Gilbert Neiger, et al.) Examiner: Kevin R. Schubert
Application No.: 09/752,134) Art Unit: 2137
Filed: December 27, 2000)
For: NEW PROCESSOR MODE FOR LIMITING)
THE OPERATION OF GUEST SOFTWARE)
RUNNING ON A VIRTUAL MACHINE)
SUPPORTED BY A VIRTUAL MACHINE)
MONITOR)

MS: Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed is a copy of Information Disclosure Citation Form PTO-1449 or PTO/SB/08 together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed for applications filed after June 30, 2003). It is respectfully requested that the cited documents be considered and that the enclosed copy of Information Disclosure Citation Form PTO-1449 or PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to MS: Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on November 4, 2004.
(Date of Deposit)

Dianne Neathery
(Typed name of person mailing correspondence)
Dianne Neathery
(Signature of person mailing correspondence)

November 4, 2004
(Date signed)

11/09/2004 HR00CHA1 00000039 09752134 180.00 0P
01 FC:1806

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

_____ 37 C.F.R. §1.97(b).

 X 37 C.F.R. §1.97(c). If so, then enclosed with this Information Disclosure Statement is one of the following:

_____ A statement pursuant to 37 C.F.R. §1.97(e) or

 X A check for \$180.00 for the fee under 37 C.F.R. § 1.17(p).

_____ 37 C.F.R. §1.97(d). If so, then enclosed with this Information Disclosure Statement are the following:

- (1) A statement pursuant to 37 C.F.R. §1.97(e); and
- (2) A check for \$180.00 for the fee under 37 C.F.R. §1.17(p) for submission of the Information Disclosure Statement.

If there are any additional charges, please charge Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: November 4, 2004



Marina Portnova
Reg. No. 45,750

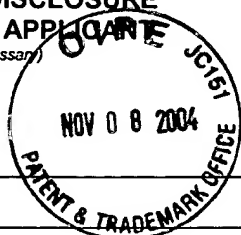
12400 Wilshire Blvd.
Seventh Floor
Los Angeles, CA 90025
408) 720-8300

Substitute for form 1449A/PTO

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Complete if Known

Application Number	09/752,134
Filing Date	December 27, 2000
First Named Inventor	Neiger, Gilbert
Group Art Unit	2137
Examiner Name	Kevin R. Schubert

Sheet 1 of 6

Attorney Docket No: 042390.P09770

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	US-20010027511	10/04/2001	Wakabayashi, Masaki , et al.	
	US-20020007456	01/17/2002	Peinado, Marcus , et al.	
	US-20020023032	02/21/2002	Pearson, Siani L., et al.	
	US-20020147916	10/10/2002	Strongin, Geoffrey S., et al.	
	US-20020166061	11/07/2002	Falik, Ohad , et al.	
	US-20020169717	11/14/2002	Challener, David C.	
	US-20030018892	01/23/2003	Tello, Jose	
	US-20030074548	04/17/2003	Cromer, Daryl C., et al.	
	US-20030115453	06/19/2003	Grawrock, David W.	
	US-20030126442	07/03/2003	Glew, Andrew F., et al.	
	US-20030126453	07/03/2003	Glew, Andrew F., et al.	
	US-20030159056	08/21/2003	Cromer, Daryl C., et al.	
	US-20030188179	10/02/2003	Challener, David C., et al.	
	US-20030196085	10/16/2003	Lampson, Butler W., et al.	
	US-20040117539	06/17/2004	Bennett, Steve , et al.	
	US-3,699,532	10/17/1972	Schaffer, Harry G., et al.	
	US-3,996,449	12/07/1976	Attanasio, Clement R., et al.	
	US-4,162,536	07/24/1979	Morley, Richard E.	
	US-4,207,609	06/10/1980	Luiz, Fernando A., et al.	
	US-4,276,594	06/30/1981	Morley, Richard E.	
	US-4,307,447	12/22/1981	Provanzano, Salvatore R., et al.	
	US-4,319,233	03/09/1982	Matsuoka, Michihiro , et al.	
	US-4,319,323	03/09/1982	Ermolovich, Thomas R., et al.	
	US-4,403,283	09/06/1983	Myntti, Jon N., et al.	
	US-4,419,724	12/06/1983	Branigin, Michael H., et al.	
	US-4,430,709	02/07/1984	Schleupen, Richard , et al.	

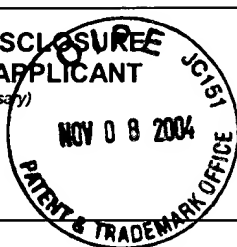
EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

Substitute for form 1449A/PTO
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
 (Use as many sheets as necessary)



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.
 PTO/US 28-128A (23-03)
 Approved for use through 07/31/2006 OMB 0351-0031
 US Patent & Trademark Office, U.S. DEPARTMENT OF COMMERCE

Complete if Known

Application Number	09/752,134
Filing Date	December 27, 2000
First Named Inventor	Neiger, Gilbert
Group Art Unit	2137
Examiner Name	Kevin R. Schubert

Sheet 2 of 6

Attorney Docket No: 042390.P09770

US-4,621,318	11/04/1986	Maeda, A.
US-4,759,064	07/19/1988	Chaum, David L.
US-4,795,893	01/03/1989	Ugon, Michael
US-4,802,084	01/31/1989	Ikegaya, Hiroshi , et al.
US-4,825,052	04/25/1989	Chemin, Francois , et al.
US-4,907,270	03/06/1990	Hazard, Michel
US-4,907,272	03/06/1990	Hazard, Michel
US-4,910,774	03/20/1990	Barakat, Simon
US-4,975,836	12/04/1990	Hirosawa, Toshio , et al.
US-5,007,082	04/09/1991	Cummins, Mary T.
US-5,187,802	02/16/1993	Inoue, Taro , et al.
US-5,230,069	02/16/1993	Brelsford, David P., et al.
US-5,237,616	08/17/1993	Abraham, Dennis G., et al.
US-5,287,363	02/15/1994	Wolf, Paul I., et al.
US-5,295,251	03/15/1994	Wakui, Fujio , et al.
US-5,317,705	05/31/1994	Gannon, Patrick M., et al.
US-5,361,375	11/01/1994	Ogi, Yoshifumi
US-5,434,999	07/18/1995	Goire, Christian , et al.
US-5,442,645	08/15/1995	Ugon, Michel , et al.
US-5,459,867	10/17/1995	Adams, Phillip M., et al.
US-5,469,557	11/21/1995	Salt, Tom , et al.
US-5,506,975	04/09/1996	Onodera, Osama
US-5,528,231	06/18/1996	Patarin, Jacques
US-5,533,126	07/02/1996	Hazard, Michel , et al.
US-5,555,385	09/10/1996	Osisek, Damian L.
US-5,555,414	09/10/1996	Hough, Roger E., et al.
US-5,560,013	09/24/1996	Scalzi, Casper A., et al.
US-5,564,040	10/08/1996	Kubala, Jeffrey P.
US-5,566,323	10/15/1996	Ugon, Michel
US-5,574,936	11/12/1996	Ryba, Edward G., et al.
US-5,582,717	12/10/1996	Di Santo, Dennis E.
US-5,604,805	02/18/1997	Brands, Stefanus A.
US-5,606,617	02/25/1997	Brands, Stefanus A.
US-5,633,929	05/27/1997	Kaliski, Jr., Burton S.
US-5,668,971	11/16/1997	Neufeld, E. D.
US-5,684,948	11/04/1997	Johnson, James S., et al.
US-5,706,469	01/06/1998	Kobayashi, Souichi
US-5,720,609	02/24/1998	Pfefferle, William C.
US-5,721,222	02/24/1998	Bernstein, Peter R., et al.
US-5,740,178	04/14/1998	Jacks, Steven A., et al.
US-5,752,046	05/12/1998	Oprescu, Florin , et al.
US-5,796,835	08/18/1998	Saada, Charles
US-5,809,546	09/15/1998	Greenstein, Paul G., et al.
US-5,825,875	10/20/1998	Ugon, Michel

EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Sheet 3 of 6

Complete if Known

Application Number	09/752,134
Filing Date	December 27, 2000
First Named Inventor	Neiger, Gilbert
Group Art Unit	2137
Examiner Name	Kevin R. Schubert

Attorney Docket No: 042390.P09770

US-5,825,880	10/20/1998	Sudia, Frank W., et al.	
US-5,867,577	02/02/1999	Patarin, Jacques	
US-5,900,606	05/04/1999	Rigal, Vincent	
US-5,901,225	05/04/1999	Ireton, Mark A., et al.	
US-5,903,752	05/11/1999	Dingwall, Thomas J., et al.	
US-5,919,257	07/06/1999	Trostle, Jonathan	
US-5,935,242	08/10/1999	Madany, Peter W., et al.	
US-5,935,247	08/10/1999	Pai, Hsin-Ying, et al.	
US-5,944,821	08/31/1999	Angelo, Michael F.	
US-5,956,408	09/21/1999	Arnold, Todd W.	
US-5,970,147	10/19/1999	Davis, Derek L., et al.	
US-5,978,475	11/02/1999	Schneier, Bruce, et al.	
US-6,035,374	03/07/2000	Panwar, Ramesh, et al.	
US-6,044,478	03/28/2000	Green, Daniel W.	
US-6,061,794	05/09/2000	Angelo, Michael E.	
US-6,088,262	07/11/2000	Nasu, Hiroaki	
US-6,092,095	07/18/2000	Maytal, Benjamin	
US-6,093,213	07/25/2000	Favor, John G., et al.	
US-6,108,644	08/22/2000	Goldschlag, David M., et al.	
US-6,115,816	09/05/2000	Davis, Derek L.	
US-6,131,166	10/10/2000	Wong-Isley, Becky	
US-6,173,417	01/09/2001	Merrill, John W.	
US-6,175,924	01/16/2001	Arnold, Todd W.	
US-6,188,257	02/13/2001	Buer, Mark L.	
US-6,199,152	03/06/2001	Kelly, Edmund J., et al.	
US-6,212,635	04/03/2001	Reardon, David C.	
US-6,222,923	04/24/2001	Schwenk, Joerg	
US-6,252,650	06/26/2001	Nakaumra, Kouji	
US-6,269,392	07/31/2001	Cotichini, Christian, et al.	
US-6,275,933	08/14/2001	Fine, Michael, et al.	
US-6,282,650	08/28/2001	Davis, Derek L.	
US-6,308,270	10/23/2001	Guthery, Scott B., et al.	
US-6,327,652	12/04/2001	England, Paul, et al.	
US-6,330,670	12/11/2001	England, Paul, et al.	
US-6,357,004	03/12/2002	Davis, Derek L.	
US-6,363,485	03/26/2002	Adams, Carlisle	
US-6,374,286	04/16/2002	Gee, John K., et al.	
US-6,378,068	04/23/2002	Foster, Mark J.	
US-6,378,072	04/23/2002	Collins, Thomas, et al.	
US-6,389,537	05/14/2002	Davis, Derek L., et al.	
US-6,397,379	05/28/2002	Yates, Jr., John S., et al.	
US-6,412,035	06/25/2002	Webber, Victor	
US-6,421,702	07/16/2002	Gulick, Dale E.	
US-6,435,416	08/20/2002	Slassi, Tarik	

EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

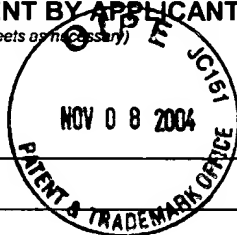
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Sheet 4 of 6

Complete if Known

Application Number	09/752,134
Filing Date	December 27, 2000
First Named Inventor	Neiger, Gilbert
Group Art Unit	2137
Examiner Name	Kevin R. Schubert

Attorney Docket No: 042390.P09770

US-6,445,797	09/03/2002	McGough, Paul , et al.	
US-6,463,535	10/08/2002	Drews, Paul C., et al.	
US-6,463,537	10/08/2002	Tello, Jose A.	
US-6,507,904	01/14/2003	Ellison, Carl M., et al.	
US-6,529,909	03/04/2003	Bowman-Amuah, Michel K.	
US-6,535,988	03/18/2003	Poisner, David L.	
US-6,557,104	04/29/2003	Vu, Son T., et al.	
US-6,560,627	05/06/2003	McDonald, Michael F., et al.	
US-6,609,199	08/19/2003	DeTreville, John	
US-6,615,278	09/02/2003	Curtis, Bryce A.	
US-6,633,963	10/14/2003	Ellison, Carl M., et al.	
US-6,633,981	10/14/2003	Davis, Derek L.	
US-6,651,171	11/18/2003	England, Paul , et al.	
US-6,678,825	01/13/2004	Ellison, Carl M., et al.	
US-6,684,326	01/27/2004	Cromer, Daryl C., et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
	EP-0602867	06/22/1994	Protheroe, Robert L., et al.		
	EP-EP0892521	01/20/1999	Zamek, Steven		
	EP-EP0961193	12/01/1999	Laczko, Sr., Frank L.		
	EP-EP0965902	12/22/1999	Force, Gordon , et al.		
	EP-EP1055989	11/29/2000	Proudlar, Graeme J., et al.		
	EP-EP1056014	11/29/2000	Proudlar, Graeme J., et al.		
	EP-EP1085396	03/21/2001	Proudlar, Graeme J., et al.		
	EP-EP1209563	05/29/2002	England, Paul , et al.		
	EP-EP1271277	01/02/2003	Behar, Yaachov		
	WO-WO0021238	04/13/2000	Drews, Paul C.		
	WO-WO0163994	08/30/2001	Van Sant, Glen , et al.		
	WO-WO0201794	01/03/2002	Ellison, Carl		
	WO-WO02060121	08/01/2002	Grawrock, David W.		
	WO-WO03058412	07/17/2003	Glew, Andrew , et al.		
	WO-WO9524696	09/14/1995	Mooney, David M., et al.		
	WO-WO9812620	03/26/1998	Nishiuchi, Taiki , et al.		
	WO-WO9918511	04/15/1999	Edrich, David R.		
	WO-WO9965579	12/23/1999	Bond, Eugene T.		

EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

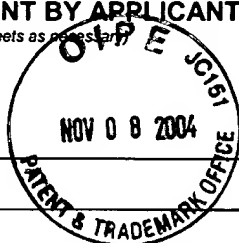
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Sheet 5 of 6

Complete if Known

Application Number	09/752,134
Filing Date	December 27, 2000
First Named Inventor	Neiger, Gilbert
Group Art Unit	2137
Examiner Name	Kevin R. Schubert

Attorney Docket No: 042390.P09770

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		COULOURIS, GEORGE, et al., "Distributed Systems, Concepts and Designs", 2nd Edition, (1994),422-424	
		CRAWFORD, JOHN, "Architecture of the Intel 80386", Proceedings of the IEEE International Conference on Computer Design: VLSI in Computers and Processors (ICCD '86), (October 6, 1986),155-160	
		FABRY, R.S., "Capability-Based Addressing", Fabry, R.S., "Capability-Based Addressing," Communications of the ACM, Vol. 17, No. 7, (July 1974),403-412	
		FRIEDER, GIDEON, "The Architecture And Operational Characteristics of the VMX Host Machine", The Architecture And Operational Characteristics of the VMX Host Machine, IEEE, (1982),9-16	
		HP MOBILE SECURITY OVERVIEW, "HP Mobile Security Overview", (Sept. 2002),1-10	
		IBM CORPORATION, "IBM ThinkPad T30 Notebooks", IBM Product Specification, located at www-1.ibm.com/services/files/cisco_t30_spec_sheet_070202.pdf , last visited June 23, 2004,(July 2, 2002),1-6	
		INTEL CORPORATION, "IA-64 System Abstraction Layer Specification", Intel Product Specification, Order Number 245359-001, (01/2000),1-112	
		INTEL CORPORATION, "Intel 82802AB/82802AC Firmware Hub (FWH)", Intel Product Datasheet, Document Number 290658-004,(November 2000),1-6, 17-28	
		INTEL CORPORATION, "Intel IA-64 Architecture Software Developer's Manual", Volume 2: IA-64 System Architecture, Order Number 245318-001, (01/2000),i, ii, 5.1-5.3, 11.1-11.8, 11.23-11.26	
		MENEZES, ALFRED J., et al., "Handbook of Applied Cryptography", CRC Press Series on Discrete Mathematics and its Applications, Boca Raton, FL, XP002165287, ISBN 0849385237,(Oct. 1996),403-405, 506-515, 570	
		NANBA, S., et al., "VM/4: ACOS-4 Virtual Machine Architecture", VM/4: ACOS-4 Virtual Machine Architecture, IEEE, (1985),171-178	
		RSA SECURITY, "Hardware Authenticators", www.rsasecurity.com/node.asp?id=1158 , 1-2	
		RSA SECURITY, "RSA SecurID Authenticators", www.rsasecurity.com/products/secuid/datasheets/SID_DS_0103.pdf , 1-2	
		RSA SECURITY, "Software Authenticators", www.rsasecurity.com/node.asp?id=1313 , 1-2	
		SCHNEIER, BRUCE, "Applied Cryptography: Protocols, Algorithm, and Source Code in C", Wiley, John & Sons, Inc., XP002939871; ISBN 0471117099,(Oct. 1995),47-52	
		SCHNEIER, BRUCE, "Applied Cryptography: Protocols, Algorithm, and Source Code in C", Wiley, John & Sons, Inc., XP002138607; ISBN 0471117099,(Oct. 1995),56-65	

EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

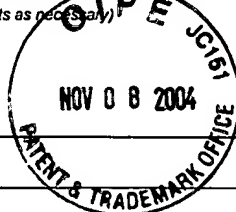
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Sheet 6 of 6

Complete if Known

Application Number	09/752,134
Filing Date	December 27, 2000
First Named Inventor	Neiger, Gilbert
Group Art Unit	2137
Examiner Name	Kevin R. Schubert
Attorney Docket No:	042390.P09770

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		SCHNEIER, BRUCE, "Applied Cryptography: Protocols, Algorithms, and Source Code C", Wiley, John & Sons, Inc., XP0021111449; ISBN 0471117099,(Oct. 1995),169-187	
		SCHNEIER, BRUCE, "Applied Cryptography: Protocols, Algorithms, and Source Code in C", 2nd Edition; Wiley, John & Sons, Inc., XP002251738; ISBN 0471128457,(Nov. 1995),28-33; 176-177; 216-217; 461-473; 518-522	

EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached